

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: 10XAJ xtal holder wanted
Message-ID: <199701291338_MC2-1066-C941@compuserve.com>

I am looking for a single xtal holder, ceramic
would be nice !, to hold one 10XAJ type xtal.

Its to install in an 18 set. I have found the vfo
too chirpy to be really used, so I tried soldering
a xtal (40 mtrs) across the grid resistor of the
vfo. Sure enough, it locks the vfo quite nicely.
First contact was with SP9, then a DJ8, using
less than 1/2 a watt to the 135 ft lw.

I must have had dozens through my hands at
one time, but you can never find one when you
need one, can you ?

Cheers, Ben G4BXD

MILITARY WIRELESS IN THE MIDLANDS

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: mack@mails.imed.com
Subject: 220 VAC and linears ??
Message-ID: <9700298545.AA854564158@mails.imed.com>

Hey y'all:

There has been a couple of mentions of 220 for use with rigs
today and it reminded me of the question I had regarding why 220 has
any advantage over 110. We use an SB201 here at the club station at
work. There is a substantial drop in plate voltage on SSB voice
peaks.

It occurred to me that since the transformer windings are in
parallel for 110 and in series for 220, the transformer shouldn't care
which you use. The house wiring is another matter altogether. A
SB220 or other rig capable of 1500 W PEP could easily draw 3 KVA on
voice peaks. That's 24 A at 125 VAC. A 20 amp breaker won't like
this for long. Also the 12 AWG wire will drop significant voltage.

Do folks run 220 so they can use 12/2 and just put in a 220
socket? It occurred to me that the only down side to using 110 is
that you would need either 8 AWG or maybe 6 AWG to minimize voltage
drop. This plus the expensive breaker and weird outlet would seem to
be the only reason to favor 220 over 110. What think y'all?

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: 220 VAC and linears ??
Message-ID: <19970129185005.AAA22750@LOCALNAME>

At 05:05 PM 1/29/97 +0000, you wrote:

It is purely a question of voltage drop in the house wiring, meter panel, etc.

using 230 volts will halve the amount of current consumed. Voltage regulation in the linear's power supply, not to mention a degradation of linearity in the output, will suffer when the amplifier is used on 115 volts GENERALLY SPEAKING.

It is NOT the fault of the linear but of the power being furnished the linear amplifier. If you have a large gauge wire supplying the 115 volt outlet for the amplifier, a decent sized "drop" from the pole to your service box, you will NOT notice any difference! Usually, the wiring is marginal or inadequate. If I were to run a 115 volt line from the service box to an outlet for an amplifier, I'd use #10 roamex minimum! Nine times out of 10 #12 won't cut it if you REALLY want GOOD regulation.

Best route is to run things on 230 volts. I have yet to figure out WHY we haven't done what nearly all of Europe has done, go 230 volts for everything! I'm sure there isn't any more accidental electrocutions there than there is here!

It took us YEARS to discard the 6 volt auto electrical system in favor of 12 volts

(which personally, I wish had gone to 24 volts! think of all the nice surplus stuff we could have utilized mobile!)

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75, 860 tubes

Butternut HV2V antenna, G-R test gear.....

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: marty@aa4rm.radio.org (locale for Marty Reynolds)

Subject: Re: 220v from 110v?
Message-ID: <199701291222.HAA18842@aa4rm>

> Haven't I read/heard/imagined there is a method to obtain 220v from (2)
> 110v sockets? Using the hot lines from seperate feeds, or something like
> that? Anyone care to comment? Method? safety considerations?

I did that for a year as a college apartment renter. Ran a big window AC - we were limited to window ACs. Machine caused a torrent of condensate to flow in the driveway - caused consternation about snail darter spawning diversion.

Only safety consideration was hope the landlord was an electircal dunce.

Oh yes, do put friction tape on places where insulation is missing.

M

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Glenn Finerman <GFINER@nms.com>
Subject: re:572B's replacing 811A's
Message-ID: <s2ef26ed.064@nms.com>

Thanks to all who replied to my request for comments on replacing 811A's with 572B's in my Ameritron AL811.
The majority seem to feel although the 572B's are more rugged, it's possible to damage the power supply by mistakenly loading the amp beyond it's limits. Since I'll be using the amp as an AM linear, trying to get 300 to 375 watts of carrier out of it would be inviting disaster! Although right now I can get 600w of carrier on CW, I realize an AM linear is a whole different ball game!
I plan on selling the amp at the next hamfest, and start looking for an SB-220 or similar amp. Only problem is I'll need to have a 220v line installed in the shack. (recent thread on 220v installs timely and very interesting!)

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: "TOM CLINTON" <TOM_CLINTON_at_AS0200@mail.hq.faa.gov>
Subject: Alternate name for imported rigs
Message-ID: <9700298545.AA854570526@mail.hq.faa.gov>

Fellow BA'ers,

I propose the use of the term "paperweight" for solid state rigs.
Following is the rationale:

Those of you too young to remember are offered a short history course. Before the advent of airconditioned buildings (WHAT?), a summer breeze from an open window, or from an overzealous pedestal fan would blow any unsecured papers on your desk into the next office. To prevent this, small blobs of metal or ceramic were placed on the paper piles (remember paper - its what we used to write on before e-mail). Most of the paperweights were advertizing fluff given away by banks, insurance companies, funeral parlors, etc. If you had no connections with any of the freebies, I suppose you could actually purchase one at the local dime store (THE WHAT?). As you have now gathered, paperweights were cheap, tacky, and served a very limited purpose.

I propose "paperweight" as a properly derogatory term for the new rigs and can hardly see how this term would offend any segment of the population. It not only is a direct reference to the obvious difference in mass between a REAL radio (boatanchor) and a lightweight imposter, but also infers that the chief purpose of the device is simply to hold down papers (possibly boatanchor schematics) on your operating table.

Tom Clinton W4ULL

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: paul Veltman <veltman@netcom.com>
Subject: Re: Alternate name for imported rigs
Message-ID: <Pine.3.89.9701291243.A25371-0100000@netcom11>

On Wed, 29 Jan 1997, TOM CLINTON wrote:

> of the paperweights were advertizing fluff given away by banks,
> insurance companies, funeral parlors, etc. If you had no connections
>
I think that you just managed to insult the Morticians in the audience by comparing them to Banks and Insurance Companies. ;-)

73

Paul WA6OKQ

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: Re: alternate name for SS rigs
Message-ID: <Pine.GS0.3.93.970129094033.2522A-100000@uhunix3>

On Wed, 29 Jan 1997, TOM CLINTON wrote:

> I propose the use of the term "paperweight" for solid state rigs.

I had a R-1051 military rcvr (filled with ICs) - it was no paperweight!

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: jcreid@CCGATE.HAC.COM
Subject: Alternate names
Message-ID: <9700298545.AA854561178@CCGATE.HAC.COM>

Hi Gang,

Tom Clinton gave me a great idea. Why not just call the rigs "imports"? It works for cars. Why not for radios? Food for thought.

-Jim N6SVS
jcreid@ccgate.hac.com

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: AN/SRT-14 Exploding Capacitors cont.
Message-ID: <9701291954.AA136634@csemail.cropsci.ncsu.edu>

....continuing the saga of the exploding electrolytics in the AN/SRT-14:

I spent about 8 hours so far cleaning, and basically getting nowhere. That gunk electrolyte and tar residue, when burned, donna wanna come off! The best I have been able to do is remove the obvious debris and shreds, and steel wool the aluminum surfaces. Cleaners don't seem to do squat! I have not tried a straight solvent like acetone or alcohol, yet, but the usual household things don't work well. The wiring was not too badly burned or torn, and amazingly, the relays all bent back into shape, at least by eye --- I will have to tweak the contacts after I get it back up. When the shell of the cap took off, it unfortunately went straight up through the final amplifier and broke some ceramic insulators and coil mounts. Fortunately all the big coil forms, those exotic and costly vacuum variable capacitors, and the rf chokes survived with

only burns and deep scratches here and there. Those fixes took an additional several hours to R&R the busted parts. Maybe it might be back up by the weekend, on my one remaining 80ufd octal plug spare cap.

My question for the group is: Who makes/has anymore those 80ufd single section 450 volt plugin octal electrolytics, and maybe the dual 35/35 section 450 volt plugin octal electrolytics, too. I have a subtle sneakin' suspicion that if one blew and three others were duds and had to be replaced, I am gonna have to take stock in someone's capacitor works for a couple dozen of those babies.

``Holy Blowin' Electrolytics, Batman, a Boatanchorin' can get downright hard on de ol' capacitor budget!''

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: avidov@juno.com (abe nutkis)
Subject: avionics
Message-ID: <19970127.042014.6678.3.avidov@juno.com>

Is there another board for military aviation comm gear similar to BA ? Haven't noticed any airborne stuff offered or discussed so must assume it's going on somewhere else out there in cyberspace. abe

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: bjacob@iofc.com
Subject: BATHTUB CAPACITOR << help >>
Message-ID: <199701290450.QAA01914@iofc.com>

DESCRITPION:

Bathtub-type capacitor with three solder terminals on top. Center is common. Package is approximately 1.5" W X .75" D X .75" H.

The following labeling on one side:

956ND01W-M
2 X .1 MFD
600 WKG-VDC
NFPS

The following labeling on the other side:

CORNELL-DUBILIER ELECTRIC CORP
U.S.A.
REG. UNDER U.S. PAT'S.
1,931,373 - 2,041,594 - 1,850,702

QUESTION:

What "type" of capacitor is actually inside of this hermetically-sealed package (silver mica, ceramic, etc)?.

Another ham asked me this one the other day and I finally had to say that I did not know, but I knew where to ask.

73s,

Jacob
K4HJ

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Sheldon Wheaton <swheaton@sky.net>
Subject: Re: BC-733-D
Message-ID: <Pine.GS0.3.93.970128235645.18647U-100000@sky.net>

> On 27 Jan 1997, Robert B. Kerby Says:
> >Hello Guys and Gals - I picked up one of these in a deal yesterday. I
> >know it is a receiver, but there my knowledge stops. Anyone need this
> >black box?
>
>
> The BC-733 is a Receiver, Navigational, Glide Slope, 108.3-110.3 MHz,

The above frequency range is a common misconception when discussing glideslope equipment. The current glideslope system consists of 20 channels between 329.0 and 335.0 MHz. These channels are paired with localizer channels in the range of 108.1 to 111.9 MHz, thus the confusion. On practically all systems, the pilot only tunes the localizer frequency, and the glideslope is tuned via some type of "lookup table" whether via electric switching or electronic memory.

I have the Navy WWII equivalent of the BC-733 G/S receiver (AN/ARN-5 I think?), which appears to be identical to the BC-733.

73,
Sheldon KC0CW

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Kn6di@aol.com
Subject: Re: BC-733-D
Message-ID: <970129071923_715622565@emout17.mail.aol.com>

Sheldon is correct on the pairing. of freq's.

The wiring setup on the control heads were such that chan. 1 is one freq on LOC and chan 1 os GS is a GS freq.. The respective output went to Vertical from the LOC and the 733 output went to Horiz. on the ID-48 LOC/GS on the instrument panel., or to the flight director.

The freq's are paired under an International protocol and there is no interconnection between as they use 2 different antennas a VHF and a UHF.

If I remember the 733 changed frequency by relay switching, and the loc rec was in the BA'a XTAL controlled and the new ones they are all SS in both cases.

Hank

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: BC365TUholders
Message-ID: <32EF70F7.F69@ghgcorp.com>

Karan Lee Carruth wrote:

> You are correct. These hold the unused tuning units for the BC-375. If
> you ever look at a picture of a B-17 radio room, these cases are mounted,
> one above the other, on the right front of the aft bulkhead. In the

Hi Lenox and list! If anyone is interested, I have pictures of these antenna tuning units installed in the Confederate Air Force B-17 named "Texas Raiders" that I can scan in and send out via e-mail. She and the B-29 named "FiFi" were at the Wings Over Houston airshow last year and I went thru five rolls of film on these neat-o planes... Nothing quite like seeing a pair of B-17's and a B-29 plus a bunch of WWII fighters in the air at the same time...

If the response is overwhelming, as I suspect it may be, I'll scan them in and send them to a listmember with a webpage for all to visit.

Thanks and 73,
Ben

--

Benjamin D. Hall, Houston Texas - Junque collector extraordinaire.
E-mail: BDHall@GHG.net (home) -or- Benjamin.D.Hall1@JSC.NASA.GOV
*** PLEASE NOTE NEW HOME E-MAIL ADDRESS SHOWN ABOVE. ***

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: WA6GYD@aol.com
Subject: BC365TUholders
Message-ID: <970129025705_847579681@emout17.mail.aol.com>

I have 5 BC365 tuning unit storage containers. I think! These are Steel black Box's crackle finished inside and out that are 7 3/4 high X 7 1/2 deep and 17 5/8 wide the opening is a littler smaller. There are 2 groved 3/8 high 1/4 dia posts on either side of the front opening. They are stamped "CS-48" on the top. Are they for the tuning units or are they for something else? Any interest?, they seem too nice to throw out. Each has a little rust on edges. About an 8 on a scale of 10.

Thanks Don

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: Re: BC365TUholders
Message-ID: <Pine.OSF.3.91.970129092517.26592C@francis.tenet.edu>

You are correct. These hold the unused tuning units for the BC-375. If you ever look at a picture of a B-17 radio room, these cases are mounted, one above the other, on the right front of the aft bulkhead. In the B-24, most of the unused tuning units were mounted over the wing center section. Must have made for an interesting trip through the bomb bay to change frequencies! I suppose all of that was normally done on the ground before a flight.

Best regards,

Lenox

Lenox Carruth, WA50VG
Dallas, Texas
klccarru@tenet.edu

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: wallace@world.std.com (Andy Wallace)
Subject: Ben 'n' Jerry's Miamisburg Crunch
Message-ID: <32f0bb64.3711227@world.std.com>

Just got a very nice looking Drake T-4X transmitter from an Internet deal. Am happy now, but wasn't too happy when it arrived: it had the tinkling box syndrome!

A special caution when shipping any of the Drake rigs: the 6JB6 or 12JB6 (in the case of the TR-3) tubes are extra fragile, and the small plate suppressors can't hold the tubes in the sockets. The pins of the tubes are small, also. I think a 6146 would hold itself in much better.

Safest bet would be to pack the finals in a separate box. Barring that, going to the trouble of packing the final compartment with a big wad of cotton (or similar fluff) would do a lot to protect these getting-pretty-expensive tubes.

Bag the rig, and double-box it with at least 2" of foam or peanuts all around. These rigs are pretty light but they need protection, too. Put the address label on the top of the box -- it may not help but this might mean the box gets stacked right-side-up. And it goes without saying, don't ship the AC supply in the MS speaker or RV vfo cabinet!!!!

Protecting the slide switches and pots out the sides of the cabinet would be good, too. Perhaps some corrugated cardboard would help here. I recently got a TR-4C which had the RCVR-XCVR switch pushed inside the rig. I was able to reseal the slide and bend the housing back on, but...why chance it?

Other than these weak areas, the Drakes in general seem to stand up quite well. Most of them look nice at the fleas, too. I am amazed how well the front panels clean up, and how well they are protected somehow from wear.

I'm happy with my operating T-4X. After adding one 6JB6 to replace the crunchy one, it puts out 100+ watts on 80 C.W. and this means I can finally work split with the R-4B. Long live Bob Drake!

--Andy
wallace@world.std.com

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Classic Exchange Frequencies?????
Message-ID: <199701291645.KAA10138@lesol1.dseg.ti.com>

Greetings,

Does anyone know the suggested CX frequencies? Or how about any frequencies which worked well last CX. I remember 7060 and thereabouts as being busy during the last CX and there were folks on 80 CW as well, but I never found anyone on the higher bands or on phone.

Does anyone plan to operate classic SSB? If so, where and when?

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are no one's fault but mine.

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Scott Robinson <spr@earthlink.net>
Subject: damaged SX43 FS
Message-ID: <v0300780eaf144c3772e9@[153.34.139.254]>

This is cross-posted from rec.antiques.radio+phono. BUG HIM, NOT ME!!

Subject: FS: Hallicrafters SX-43 radio for parts
From: Bryan Edwards, w5kft@nts-online.net
From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Bob Marsh <bmarsh@hicom.net>
Subject: Re:Deilberate CW QRM
Message-ID: <32EF7E15.196A@hicom.net>

Hi again everyone,

The response to my original post was amazing. The advice given ranged

from:

- a. Don't let 'em get you down
- b. QSY
- c. You've got more important things to worry about, so get on with it!

All of the above was right on target. I hope I didn't start yet another "neverending thread", and figure this is a good place to stop it. My thanks to all of you who responded with advice and encouragement, and my apologies to the listowners who may be knashing their teeth at another "inappropriate topic" on the list.

At this point, I'm going to follow the advice in (c), above!

73 es gl to all de Bob/KB2SGM

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: Bob Marsh <bmarsh@hicom.net>

Subject: Deliberate CW QRM?

Message-ID: <32EF523C.1C34@hicom.net>

Hi everyone,

I'm posting this here in the (probably misguided) hope that whoever did it will think about mending their ways. Sorry if it's a bit off topic, but it IS relevant to anyone who operates on the ham bands.

I keep a regular weekly CW sked with VE1ZAC and N3DTY on 3661. We start at 2000 EST and usually run for an hour. last night, about 45 minutes into it, we started getting hammered by random CW for what sounded like two stations. These guys would wait until one of us started sending, and began their stupid game.

After the sked, Jeff/VE1ZAC tuned up on the band and found them. They never ID'd but they were joking to each other about doing a number on us. This was obviously deliberate "jamming" for the hell of it!

Admittedly, none of us in the sked are "CW Wizards" and tend to send fairly slow. One of us only gets on the air for our sked, and we're trying to keep him active. He was so disgusted last night that I wouldn't be suprised if he gave it up altogether.

Has anyone else had this experience? I always thought that CW operators were more courteous than that, and this type of behavior was pretty much restricted to SSB.

I've only been a ham for a little over two years, and got into it specifically to work CW. It was quite a shock last night to be messed with like this.

Anyway, there it is. If it's not appropriate to respond to the list, Email me direct if you feel like it. I just wish there was something we could DO about it.

73 de Bob/KB2SGM
<bmarsh@hicom.net>

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: Drake 2BQ still wanted
Message-ID: <199701291338_MC2-1066-C93F@compuserve.com>

I am still looking for the Q multiplier to go with my 2B receiver. As the rally season starts, perhaps someone might see one for me.

Cheers, Ben G4BXD

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Joe Eide <jeide@eau.net>
Subject: EV Mics
Message-ID: <32EF9762.1B8@eau.net>

A friend of mine suggested that I use an Electro Voice 664 with my KWS-1. I have an Electro Voice 638 dynamic high Z. What is the difference? I have a D-104 also. What would sound the best on this old Collins?

Thanks .. Joe Eide - KB9R jeide@eau.net

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
Subject: RE: Fish 800b
Message-ID: <199701291256.HAA18900@aa4rm>

Made about 1964. Well spent \$5

Clean those knobs by a 10% Clorox 10min. soaking followed by little toothbrush work. Just revived a 1957 Magnabvox knob set that way - say bye bye mildew

Marty

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: FS BA XMTR type stuff
Message-ID: <32EED3E4.4AA8@foothill.net>

I stuffed this gear into the trailer today to take to Foothill Saturday and Livermore, Sunday. The prices are plus shipping if need be.

WRL CLOBE LA-1 Linear Ampl. uses (4) EL38/6CN6is. 80-6m
It is original and complete. Looks fair, about a 6 or 7. Untested.
\$85
EICO 753 Transceiver with the matching PS. Works, but could be more
sensitive on reception. SSB/AM/CW. 80/40/20M An 8 or 9 in
appearance \$135
VIKING II, this is untested. Has no tubes in it. The guy I traded this from.
whom I do know, says it works. The appearance is a 5 -6.. The
face looks fair to good. Has all the knobs, etc. There
are some small blemishes on the face. \$100 with the understanding
that the power and modulation transformers shall be good. This
is UPU or for delivery at the meets this weekend.
VIKING 122 VF0. Likewise, I have not tested this, but the same guy says
it works. It looks good. A 191 with a very narrow scratch on the face.
\$55.
HALLICRAFTERS HT-37. Untested. Has spot of paint gone from the top.
The face looks OK. It looks complete. Face is original, knobs and all.
\$95. UPU or delivery this weekend at the meets.

Eugene Rippen, 105 Donnington, Auburn, CA 95603

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: FS BIG TEST gear & ugly
Message-ID: <32EED385.7600@foothill.net>

Well maybe they aren't so ugly (beauty in the eyes of the beholder, and all that stuff).

But, they are big.

I put this stuff in the trailer today getting ready to go Saturday to Foothill College CHRS swap meet, and then Sunday to Livermore. I could easily lower myself to selling these in advance.

But remember in my opinion these are BIG and ugly therefore they cost a lot to pack and ship. I really want to deliver them this weekend at the meets.

HEWLETT PACKARD 206A Audio Signal Generator. Untested. Looks complete. Says 20 - 20,000cps. Rack mount. Appearance is a 6. \$35 ?

HEWLETT PACKARD 302A Wave Analyzer. Looks complete. Untested.

Appearance is a 5. In an inclosed case. \$25 ?

AMPHENOL-BORG ELECTRONICS Model 1526D. I have no idea what this is.

It certainly could be a ↑ D or maybe its the K version.

I wouldn't know what to test it for even if I wanted to. It looks like

a \$10 item, or it gets taken apart.

BALLENTINE LABORATORIES 305A Peak Voltmeter. 12 scales of 3.5mv through a 1000v scale.. Measures Sine Waves of 5cps to 500kcs, and Pulses of 0.5 to 2500 usec or 5 to 300,000pps. The appearance is a 7-8. Absolutely untested. \$45 ?

WAVEFORM Model 452A iTransmission Measuring Set (Not automotive).

Has a meter that reads RMS and dB. Has 12 meter ranges of from 1mv to 300v. But it has some controls or measuring abilities concerning the ioutput of the device. I guess \$15 or the graveyard for old parts.

In the not so big catagory and looking pretty good:

HEATHKIT IM-18 VTVM with leads. \$20.

HEATHKIT CM-1050 Engine Analyzer \$15

EICO 232 VTVM with probe \$20.

Eugene Rippen, 105 Donnington, Auburn, CA 95603

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: Stephan Sykes <ssykes@emirates.net.ae>

Subject: RE: FS BIG TEST gear & ugly

Message-ID: <01BC0DFA.476C5B80@ssykes.emirates.net.ae>

Eugene Rippen wrote

>HEWLETT PACKARD 302A Wave Analyzer. Looks complete. Untested.

> Appearance is a 5. In an inclosed case. \$25 ?

These instruments make very nice VLF receivers.

Steve Sykes

KD20M

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: rhys@ix.netcom.com (Lawrence D. Walken)
Subject: Re: FS Globe VFO #533A ** SOLD**
Message-ID: <199701291446.GAA27602@dfw-ix1.ix.netcom.com>

Howdy Gang --

Ah if only we could bring Leo Meyerson back to start making them again. The response was VERY gratifying. Could easily have sold fifty of them. Thanks everyone for the great responses. Keep looking. There are many wonderful gems out there yet to be discovered.

73
Larry Wolken N3OJD

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Jim Lockwood <jml@innercite.com>
Subject: FS: BA RX, TX, Test EQ, & stuffe
Message-ID: <3.0.32.19970129081543.006c359c@innercite.com>

Gang,

It's time for a new custodian to take charge of the following pieces of gear. Owing to the weight of these things (and to my considerable laziness), I won't be shipping any of this. However, I will be at the Bay Area Livermore swap this Sunday and can deliver.

1. Homebrew CW transmitter. 4 tubes. pair 807s in the final. Built-in power supply. Nicely done and the bandswitch mechanism is a joy to behold. This appears to be an implementation of the transmitter on page 167 of the 1952 ARRL handbook. Untested. \$25.00
2. Heath SB-34. Combination Power meter, SWR meter, 10 minute timer, and phone patch. Very nice. Original Heath manual included. \$35.00
3. hallicrafters SX-42. **PACKAGE DEAL** Two SX-42s and I will not separate them. One is good for parts, altho a determined restorer could bring it back. It's missing the S-meter, the tubes, the case, and some shielding. The other SX-42 works on all bands and sounds nice, altho sensitivity is down from what I think it should be. It has been washed, re-capped, re-resistored, and re-tubed, and IF aligned. It is missing the wing knob that activates the tuning mechanisim clutch. The case lid needs repainting due to some rust. Manual copy included. \$150 for the pair.

4. hallicrafters SP-44 panadapter. when I variaced this, I got the impression that the HV cap (or caps) is shorted. I don't know anything else about it. In working condition, it would make a nice accessory for the SX-42 and I'll make someone a nice package deal. Manual copy included. \$75 if sold separately.

5. Simpson model 305 tube tester. Probably an emission tester, but I don't know. Works fine and looks good. Internal roll chart is in good condition. \$30.00

6. Triplett Model 3432-A signal generator. 160KC - 110MC. Nice condition and the circuitry all works. Caveat: The tuning cap rotor plates have come loose from the shaft. Bizzare. Good for parts or could be repaired by a determined restorer. \$10

7. I also have some tube-type non-BA equipment that isn't appropriate to list specifically here. Contact me via private email for details.

73,

Jim - km6nk

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Jim Lockwood <jml@innercrite.com>
Subject: FS: update.....
Message-ID: <3.0.32.19970129082802.00686d4c@innercrite.com>

Gang,

Typographical brain fade set in earlier than usual today. In my FS posting, what I broadcast as a Heath SB-34 should be listed as an SB-634.

Jim - km6nk

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Re: FS: Elements of Radio Serv
Message-ID: <A4883ZWRMLZK0J*/R=OUVAXA/R=A1/U=POST/@MHS>

All copies spoken for. Will notify winners after 1730 EST.
E-mail addresses for a list of other cheap radio servicing books still

being received for the next couple of days to give BA summary connections a chance.

Rich <rpost1@ohiou.edu>

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: FS: Elements of Radio Servicing
Message-ID: <A4854ZWRMI8S03*/R=OUVAXA/R=A1/U=POST/@MHS>

Elements of Radio Servicing, Third Edition by Marcus and Levy, McGraw Hill 1967

Great hardbound text for learning tube radio repair, have a couple of copies in very good to excellent condition. \$10 each plus \$3 priority mail.

Rules of Ware and Whine may apply (but if you whine, I'd better get a chuckle out of it!)

Also have some other repair and basic radio books, mostly single digit prices plus priority mail (book rate is cheaper but not as dependable, it seems). Send e-mail if interested. Will send out a list to all addresses at the same time to be fair to those who get BA as a summary.

Rich <rpost1@ohiou.edu>

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: FS: Old Radio, Generator
Message-ID: <Pine.OSF.3.91.970129094106.26592E-1000000@francis.tenet.edu>

All prices plus shipping from Dallas, TX.

Emerson Radio and Phonograph Corp. Model 7KW-228A-2. Really nice wood table top cabinet about an 8 easily refinished to a 10. Inside looks good but dusty. Tubes don't light - probably series string as it appears to be AC/DC. Dial and knobs original and in good shape. Five tubes. \$40.00

Generator GN-52, 15 Volts, 30 Amps, 3000 RPM. Dated Aug 6, 1945. NOS in original box. Great for standby power to keep 12 Volt batteries

charged for station or field day. \$50.00

Best regards,

Lenox

Lenox Carruth, WA50VG
Dallas, Texas
klccarru@tenet.edu

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: harlan@aciss2.ENET.dec.com
Subject: FS:Nav Aids,Bombsight,Misc
Message-ID: <9701291442.AA25071@us2rmc.zko.dec.com>

Good Morning All, 29-Jan-97

Im in Zip 44134.. Shipping extra, please
respond via E-mail to harlan@aciss2.enet.dec.com
today or tomorrow morning.

ASTRO COMPASS W/MANUAL,CASE.....B 0
Canadian MKII. Nice wood case and informative
12 page instruction pamphlet. 15 lb.

D12 COMPASS.ARMY AIR CORP 1943.....B 0
1943, NO oil. Looks good. Missing a couple
compensation Magnets(normal?)and the Rose is listing slightly.
Used in PBY on chart table and probably other aircraft large
enough to have a navigator station. 15 lb. Made by Victor
Adding Machine Co.

BOMBSIGHT.....B 0
NON U.S. A compass over a white bottom plate that
must have had ground targets projected upon. It reads
BOMBSIGHT 'D' ,Ref.No.6E/0276, a small crown with A.M.

under it and No.45927.H..The thing is 4" dia. and 2 1/2"
deep. All brass with 4 prong needle painted red,wht,blk.
7 lbs.

PE101 DYNAMOTOR.....25.00
Connector removed but working. 12vdc in gives
about 400/800 at a couple hundred mils. 20 lb

BOX-O-ROCKS.....B 0 over 75.00
104 FT243 type CRYSTALS in a nifty two tier O.D.
box. 11"x3"x4" Felt lined. Nomenclature tag removed.
The top tray has 60 crystals with mil channel numbers 270
(5675kc) to 358 (7875kc) NOT CONSECUTIVE. NO HAM BAND
FUNDIMENTAL. The bottom tray has another 44 FT243 rocks
from various equipments. 15 lb

CABINET BLOWER.....35.00
Two blowers on a common 117VAC motor,Steel mesh air
filter sits behind Hammertone louvered panel. Requires 6"
vertical space at front but is deeper at the rear half.

R390A MAINFRAME.....50.00
No modules or decks,just the frame and wiring harness
connectors and switches. No Front panel. No ant relay. Its
missing the AC MICRO SW. and RF GAIN pot. 28 lbs.

R390A PWR XFMR.....20.00
No rect.tubes. From AMELCO #35064-PC-62 20 lbs.

Thanks Dan Harlan N8ETQ
Cleve.,Oh.

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: harlan@aciss2.ENET.dec.com
Subject: FS:Nav Aids,Bombsight,Misc.
Message-ID: <9701291440.AA24851@us2rmc.zko.dec.com>

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: Re: HT-37
Message-ID: <32EF955D.3144@foothill.net>

Jim Lockwood wrote:

hallicrafters made lots and lots of these transmitters

> The weak link in an HT-37 is the power transformer.

I am thinking that the Universal weak point in Hallicrafters' gear in general is skimpy power transformers.

Question is: Was this just true with the bargain price stuff?

Gene

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Jim Lockwood <jml@innercite.com>
Subject: Re: HT-37
Message-ID: <3.0.32.19970129105835.006951ac@innercite.com>

At 12:20 PM 1/29/97 -0600, Eugene Rippen wrote:

>Jim Lockwood wrote:

>> The weak link in an HT-37 is the power transformer.

>

>I am thinking that the Universal weak point in Hallicrafters' gear in general is skimpy power transformers.

>

>Question is: Was this just true with the bargain price stuff?

I can point to at least one piece of hallicrafters gear that indicates that it was equal-opportunity skimpiness: The HT-32, which was anything but bargain priced, uses the same transformer as the HT-37. Predictably, it suffers the same fate.

73,

Jim - km6nk

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Jim Lockwood <jml@innercite.com>
Subject: Re: HT-37
Message-ID: <3.0.32.19970129045159.006c489c@innercite.com>

At 10:17 PM 1/28/97 -0600, DCPIN@aol.com wrote:

>Can anyone give me a quick idea what an HT-37 in OK cosmetic and working
>order might go for?

hallicrafters made lots and lots of these transmitters, so they are very common and show up often at swaps. Prices will be all over the map. I think you ought to be able to get a working HT-37 for \$50 - \$75. As an anecdotal data point: I paid \$50 a couple of years ago and got two HT-37s, both of which worked fine.

The weak link in an HT-37 is the power transformer. Whether it's an original or a replacement, finding out if it is functional would be a good idea. Replacements from companies like Peter Dahl can easily exceed the cost of the rest of the transmitter.

>Is this transmitter anything special in the Hallicrafter line?

It was a "cost reduced" HT-32, so to speak. It used less expensive sheet metal, less expensive dial drive, and the phasing method of SSB generation.

None of these are bad in and of themselves, mind you. In fact, coupled with the right microphone (I prefer a dynamic), an HT-37 in good condition will yield excellent audio reports because of the phasing SSB generation.

In short, an HT-37 is a neat old transmitter that will work well and be fun to use.

73,

Jim - km6nk

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997

From: Dale Braun <dale.k.braun@uwrf.edu>

Subject: Re: HT-37 -Reply

Message-ID: <s2ef4369.003@adngate.adn.uwrf.edu>

I've seen posts mentioning the power transformers as a weak part in HT-37's and HT-32's. When discussing this on the local AM roundtable, one gentleman noted that he thought the weak point might be the rectifier tubes. Or am I thinking of other transmitters? His comment was that some manufacturers used 5V4 rectifiers which were known to short out, thus overloading the transformer secondary.

Coincidentally, (about 2 weeks after the conversation) I had this occur in my DX-100B. The 5V4 low b+ rectifier tube shorted out. Luckily, it didn't harm the transformer, but it sure got hot in a hurry. (Made me check the fuse rating, I tell ya!) I replaced the 5V4 with a 5U4 and despite the heavier

rectifier filament current draw, no problems have developed at all.

So what say? Did the HT-37 use a 5V4 and could it have been the true "weak link"?

73,
Dale
WD9GWH

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: Re: HT-37 -Reply
Message-ID: <32EFA4EC.FC5@foothill.net>

Dale Braun wrote:

one gentleman noted that he thought the weak point might be the rectifier tubes. >

> Coincidentally, (about 2 weeks after the conversation) I had this occur in my DX-100B. The 5V4 low b+ rectifier tube shorted out.

Those rectifier tubes that have the short space from the filament/cathode to the plate are clearly more prone to shorting. Is there a worse rectifier tube than the 6X5 or 7Y4?

I believe in the trade off for the higher filament current 5U4.

Gene

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: DCPIN@aol.com
Subject: HT-37 Thanks
Message-ID: <970129082911_981790162@emout17.mail.aol.com>

Thanks to all for the replies and insight on the HT-37. I told the guy I would post it here if he wants, waiting for a reply.

Regards, Chris

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: "Paul Bocci-CPB007" <Paul_Bocci-CPB007@email.mot.com>
Subject: HT37
Message-ID: <Macintosh */PRMD=MOT/ADMD=MOT/C=US/@MHS>

Hi Chris

I picked up an HT-37 a few months ago at a hamfest for \$75. It was fairly clean with one scratch on the front panel and medium wear and tear on the cabinet (appearance about a 7). It had a few minor electrical problems which were about what I expected, most expensive being a pair of 6146's. I like the rig alot. This was the lower cost SSB TX from Hallicrafters, sort of a cost reduced HT-32. The '37 uses phasing to generate SSB, the '32 a xtal filter. I get about 100 watts peak output from mine CW and SSB and the audio reports have all been good. One limitation if you are interested in 10 meters -- only one band switch position for 10 so it only covers 500 Kc of the band, which segment depending on a xtal in the heterodyne oscillator circuit. You can change the xtal to get the segment you want, but only one at a time without opening up the rig.

The problem mine had was a shorted cap in the bias supply circuit (not one of the electrolytics. This resulted in no bias on the finals which resulted in them drawing excessive plate current for an extended time. Since the only metering on the rig is RF output, the previous owner never noticed the red glowing tubes in the final. Fortunately, the AC fuse must have blown before the power transformer went, at least that is the condition to come to me. Also, both the '37 and the '32 have a reputation for blowing power transformers so look carefully before leaping. They are expensive when obtainable. The transformers run fairly warm so I place a small low speed muffin fan over the transformer to help keep it alive.

73 and good luck
Paul, K9NO

cpb007@email.mot.com

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: the-radio-doctor@juno.com (Rob D Long)
Subject: Interesting find!!
Message-ID: <19970129.092223.12126.1.the-radio-doctor@juno.com>

Listmembers, Hello, I've made an interesting find! I have found an Estate sale! All Items are supposed to be untouched since around 1963! Including as described buy seller, As many original parts, Tubes, Catalogs, ARRL books, Johnson 500, HQ-180, Antenna tuners, Etc. I will be getting a more complete list later tonight!! Sounds like a rare find! Well I've been searching for a 500 for a number of years! and was elated to make this find, unfortunately the fellow is very busy, and would have difficulty shipping it! Ends up it is just to far from home for me to drive for it! I'm planning on sharing this find here! The 500 as well as the rest is said to be kept very meticulously by the previous owner, No scratches, original box's Etc.

What I'm desperately seeking is a fellow BA enthusiast who is within driving distance of Long Island/Queens New York, who might be able to package and ship the Viking 500 for me! In return I could pay for your trouble. By the sound of things many items will be of interest! The 500 will be in the neighborhood of \$500.00

As I was typing this the fellow called me back. Heres a few more details! Again Everything is supposed to be NIB or Near Mint!!! Many Antenna Matchers (no further details probably A Johnson matcher), Vibroplex keyer, Many Straight keys, Antenna relays NIB (Many), Multi-Match Ant. tuner, Multi-phase RF analyser, Electro-voice 664 mike Mint in plastic, Johnson 6n2 with with VFO, Johnson Signal sentry???, The Hammarlund is a HQ-160, Hammarlund HC-10 SSB adapter, Elmac Exciter???, CDE Control box/s?? (perhaps for an unfound rotor?), Many NIB parts, Many books.

So is anyone in the Queens area that could perhaps look these items over and Share a description to the list here and perhaps get a 500 shipped to me??? I think it would be a worth while venture! I also believe from my conversation that most of these items could be bought as a lot.

If this interests you and you are in a position to help me out please let me know!

73 all, Rob

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Glenn Finerman <GFINER@nms.com>
Subject: re:List of Collins 'S' Line articles.....
Message-ID: <s2ef22f1.063@nms.com>

WOW! Great list Mike! I've been looking for a list of S-line articles / mods ..Now is it possible someone has actually copied them all together for a crazy S-line collector like me? (I'd be happy to pay of course!) Otherwise I'll have to start hunting the hamfests for old QST's...

re>I have been going through my files and found this list of QST articles
>that may be of interest to the group who are into Collins 'S'
>Line/KWM-2/2A equipment:

>DATE	SUBJECT
>Sept 1961	AM with Collins SSB Units
>Nov 1961	30L-1 Product Review
>Feb 1962	75S-3 Product Review

>Apr 1962 Clean AM with 'S' Line
>Feb 1963 32S-3 Product Review
>June 1963 AM for the KWM-2
>Nov 1963 62S-1 Product Review
>Dec 1963 Instantaneous Break-In for the 'S' Line
>Nov 1964 Cleaner Break-In with the 32S-3
>Dec 1964 Transistor Keyer/Muter for the 'S' Line
>May 1966 More on 'S' Line Break-In Keying
>Apr 1967 Independent Frequency Control with the 32S-1 and 75S-3
>Apr 1967 Cross-Band Operation with the 75S-3 & 32S-3
>Dec 1968 Further Improvements in the 32S-3
>Mar 1969 A CW Filter for the 75S-1
>Mar 1973 A Contest Spotting Switch for the 32S-3

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: David Ross <ross@hypertools.com>
Subject: Need info on teletype boatanchor
Message-ID: <199701290500.VAA15533@kim.teleport.com>

BAfolks -

I'd like to find a schematic or manual for a Collins 599D-1, also called a TH-65/GSC. Seems to be some sort of a teletype loop current interface, anyone out there know anything about it?

thanks & 73
Dave Ross KA6EPI ross@hypertools.com

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Powerline Noise? Zzzzt...
Message-ID: <199701291948.MAA11678@lynx.csn.net>

Well Hi There...

I have a bad noise problem here that is just getting worse and worse.

I have a loud 'hash(?)' that ranges from the broadcast band up to perhaps 10MHz or so -- horrible through 80/40 meters. This stuff is intermittent -- stays on and on and on and then suddenly goes completely quiet -- cw signals pop up that I could hear nothing of before. When the stuff is quiet, I then usually hear intermittent pops about once a second or so -- not really periodic. All of this goes away if I disconnect the antenna.

Last night at midnight as I was coming home from the airport (business trip from Hell -- California, Washington DC, Maryland, Delaware in three snowy rain-filled days. Sigh...), I turned on the car AM radio and tuned to a dead spot. Sure enough, as I approached my house the noise/hash level increased to a crescendo (oh lucky me). I sat there for a few minutes -- noise finally died and was replaced by those wretched pops pops pops... The noise, when it dies, does not just fade away -- it goes off like a switch and usually stays off for about 20-seconds when it suddenly switches back on. Sounds literally like something arcing.

I live in the mountains with the nearest neighbor about 1/4 mile away -- I have turned off all of the computers in the house (they are everywhere these things) with no difference. I think it might be a power transformer on the pole outside that is doing this... corona discharge? internal arcing??? What else in the house could possibly do this -- I have not yet turned off all the breakers other than the shack supply...

Any ideas? Do power companies respond to this sort of complaint -- maybe I could file an 'interference' complaint with the FCC and get 'quiet hours' imposed on them (the XYL, however, would probably complain about the lack of electricity)...

I have a little Radio Shack sw receiver in my office (never in my shack -- the only transistors in there (4) are in my Hammarlund HK-1B keyer which is slowly coming back to life) and intend to use it to see if I can track down the source a little more precisely.

Anyone have any experience with working with power companies with this sort of thing? I have not yet contacted them until I have my ducks in a straighter role -- when I think I really know the source...

Appreciate any insights etc.

Regards to all

Jack, KCOLR (Friend to all things Hammarlund Zzzzzttttttt - Rats!)

Jack Harper
e-mail: jharper@bs2000.com
voice: 303-277-1892 fax: 303-277-1785

Bank Systems 2000, Inc.
350 Indiana Street, Suite 800
Golden, Colorado 80401 USA

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```
1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
```

Key available from Public Key Servers and above Web Page

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: John Roccaro <jroccaro@chesco.com>
Subject: Re: Powerline Noise? Zzzzt...
Message-ID: <Pine.BSI.3.91.970129160140.12574B-1000000@carriage.chesco.com>

I suffered with such a problem during my early years as a ham at my parents house. Long after I was out on my own the problem got worse and my father asked me to help. I was advised by a local ham who was a retired lineman to call the electric company. He also advised that I take care to be present when they arrived to check it out. My father was present and let them into the house. They traced the problem to corroded circuit breaker connections to the main bus in the fuse box. Another anecdote: a friend called the power company and they found a bad connection on a pole near the house. It certainly helps if you use an AM receiver to locate the problem then switch to FM to really zero in on it (much less sensitive.) There is a book out on interference written by an ex-power company employee who did just this as his job. Apparently power companies are concerned enough to have specially trained people assigned to this work. But you need to work with them or they can decide that your problem is too expensive to bother with - I don't know what legal rights you have if it comes to this.

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: David Prince <davprin@gil.com.au>
Subject: R-390 and R-390A Receivers.
Message-ID: <32F028FF.4341@gil.com.au>

Thanks to all who replied to my message re the differences. I greatly appreciate the assistance and hope I can be of assistance to others at some stage.

de VK4KDP

--

Dave Prince
davprin@gil.co.au

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: R-390A gears
Message-ID: <Pine.SUN.3.95.970129003822.11692D-1000000@coyote.rain.org>

Try Dick Walser in North Hollywood, CA at (818) 766-2747. He has bunches of old '390A chasses, modules, gears, springs. etc. (He used to be in the business as "Airborne Electronics", but is now retired.) Yes, he still plays with 'em.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA
Old-fashioned courtesy and consideration are still irreplaceable!

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: R390A COSMOS PTO End Point Adjustment
Message-ID: <199701291639.KAA09181@lesol1.dseg.ti.com>

Greetings,

I finally played with the COSMOS PTO out of my 1962 Amelco R390A last night. Initially, the end points were 10 kHz off! I had remembered 8 kHz from the last time I played with it about a year ago, but believe that slippage from a loose set screw caused the difference. I was quite pleased to achieve a 2 kHz spread after playing around with it for a couple of hours. To achieve this, I didn't even have to remove any coil turns. A 2 kHz spread across the entire 1 MHz range seems quite tolerable, so I don't plan to do anything further to this PTO.

I've got a few comments regarding the COSMOS PTO. First, this one did indeed have the innumerable little adjustment screws for the 25 kHz linearity adjustments. The screws appeared to have small Bristol spline heads, although I made no attempt to adjust any. Second, the endpoint adjustment for the COSMOS PTO did not have the lock mechanism associated with it that recent posts have referred to in relation to the conventional Collins designed R390A PTO's. Third, the end point adjustment coil slug can be turned in far enough that the slug falls out of the coil!

In order to retrieve and reinstall the slug after it fell out, I had to open the "sealed" PTO. (I hate to break those little pieces of tape that say "sealed".) When I got inside the PTO, it indeed seemed simpler and was less massive than the Collins PTO from my R390. The Collins PTO has all those adjustable little metal cams inside running the length of the PTO, whereas the COSMOS PTO had none of that. Instead the COSMOS PTO has the 25 kHz adjustments on a rotating ring at the base of the PTO. The main tuning

inductor itself seemed considerably smaller in the COSMOS PTO but, perhaps I just remembered the Collins PTO as more massive because of the inside frame holding the cams.

Regards,
Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com
Views expressed herein are no one's fault but mine.

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: RCA Radiogram
Message-ID: <Pine.SUN.3.95.970129001502.11692C-1000000@coyote.rain.org>

USS SHICKSHINNY was indeed on the rolls in 1932, and sported the callsign "KIZP". Sounds like a valid artifact.

73.....Ray Mote, K5FKT <rmote@rain.org>

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: billo@nti.net (Bill Wilson)
Subject: RE; HT-37
Message-ID: <19970129062040918.AAA219@LOCALNAME>

A working and nice looking HT-37 should be in the \$100 range at the most. Watch out for a non-original transformer, a very weak link in a otherwise nice sound rig. The original transformers were known to short out if you did not turn the radio off and on in a certain manner (maybe someone on the list knows exactly how this happens).

Regards,

Bill
AC4LC

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Laird_Tom_N@hpmail1.90.deere.com

Subject: RE; HT-37

Message-ID: <H00005a00494c0d0@MHS>

> A working and nice looking HT-37 should be in the \$100 range at the most.

Tom says.....\$100 to \$150 range(could be because I have one!)

> Watch out for a non-original transformer,

Unless, its a Peter Dahl transformer the Add \$.....

>The original transformers were known to short out if you
> did not turn the radio off and on in a certain manner (maybe someone on the list knows exactly how this happens).

This usually happens because of the arrangement of the OFF-Standby being next to one another. What happens is, you want to (Standby) the transmitter and accidentally switch to OFF, you then quickly flip it to STANDBY which causes a severe power spike and sometimes wipes out the power transformer. Its important to remember if this happens, just should wait a little while to repower the rig(mentally hard to do). This happens to the HT-32's also.

Tom Laird WC9M Moline, IL
TL39597@deere.com

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: "D.D. Todd" <dube3@n-link.com>

Subject: Re: Riceboxes

Message-ID: <32EEF649.634D@n-link.com>

Hal waite wrote:

>I must respond to this request to "clean up our act". This lengthy
>tirade by the Thought Police enforcing whatever is believed to be
>politically correct is not justified. Richard, you overextend yourself
>to be offended at this innocuous reference.

Right on. I have a TS-820 ricebox. I like it. Also, I have a couple of Sony riceboxes and a Nikon or so ricebox. I like 'em. Had a '71 Toyota ricebox once that was the best auto I've owned. Those who don't like the term: Don't use it. But don't forget that it's still a free country.

73,

Dube Todd

K4DWW

dube3@n-link.com

--

Can there be greater blindness than to impute the crime
to the dagger and not to the hand that wields it?

-- Antonio Lopez de Santa Anna

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: Jeffrey Herman <jeffreyh@hawaii.edu>

Subject: Roller Inductor

Message-ID: <Pine.GS0.3.93.970128205346.21844A-100000@uhunix3>

Hi Folks - I'm building a roller inductor antenna tuner; found an inductor with pins coming out of each end of the form so it originally must have been exactly what I'm trying to make it do. What I need is the small wheel (looks like a sheeve from a pulley) that rides on the windings - as the inductor is spun the wheel will move along a shaft mounted over (and parallel to) the coil form.

Does anyone have an extra "wheel" (for lack of a better term)? I'd say the sides shouldn't be wider than 1/16". I'm trying to find some hardware substitute in case no wheel turns up - any suggestions?

The diameter of the shaft that the wheel will slide on hasn't been chosen yet - it will depend upon the wheel I obtain.

BTW, regarding the CW chopper I missed getting for \$5, I've made my own; mounted a motor with a toothed wheel on its shaft on a board with my straight key - looking for a brush to run over the teeth. Once I get an "offshore" callsign (maybe an XV9 from Viet Nam) I'll fire this thing up and let you folks hear a tone modulated HW-16! =:o

73 from Hawaii,

Jeff KH2PZ (the only CW op that strives for a T1 note!)

(New address: jeffreyh@hawaii.edu)

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>

Subject: SCOTTY! IMPULSE POWER!!!!

Message-ID: <9701282231.aa03050@jackatak.theporch.com>

Gang-

I have been kinda busy... just as I was digging out from the year end workload, the roof was blown off (literally) at our business Friday by a tornado... That robbed me of my catch-up time for reading the list and getting back on track...

(I have enjoyed the time away, thank you very much... I watched my youngest daughter and her team perform the routine they will do at the Nationals next week before a very appreciative college basketball crowd, and I am really proud of what a bunch of kids, 7 of whom are FRESHMEN in high school, have accomplished in four short months -- my kid is one of them!)

For those of you who think I have no life other than the BoatAnchors list, guess again! ;^)

And now, why Impulse Drive? Why flog the engine room?

Because someone has to rise up and ask you folks to cut the crap and get back to BoatAnchors!!!!!!!

ENOUGH of this stupidity, name calling, and general BULLSH*T that is polluting my mailbox!!!!!!!

Sheesh!!!!!!!

I am right now about 945 messages behind in my reading.
God spare those of you still silly enough to be misbehaving when I get current.

I assure you that those who are behaving and trying to help, I appreciate it.

And those of you who have lost your senses and have forgotten about polite societies, good manners, common decency, the paradigm of the symposium, and all the things you said you agreed to and understood when you asked for a trial subscription, I keep those promises, and I will let those fearsome electrons LOOSE upon you if you don't help get this vessel back on course and cut the crap!

I *HATE* writing this kind of stuff, and surely someone will chide me for treating folks like children, but reading my mailbox, I gotta say: "If the shoe fits..... WEAR IT!!!!!!!!!!!"

BACK TO BA! Warp speed, Mr Sulu!

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

listown@jackatak.theporch.com ---- firebotl@jackatak.theporch.com

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: SWAP at LOS ALTOS, Saturday
Message-ID: <32EEE8BC.39BA@foothill.net>

There will be a swap meet at 8:00 A.M. the Saturday, Feb 1, 1997 at the Foothil College Parking Lot, in Los Altos, Calif right off of highway 280 at El Monte Rd. Sellers must be members (\$20/yr, can join there) and there is I believe a \$5 seller's fee. But all Buyer are welcome. CHRS is primarily for antique radio collectors. There has always been a fair share of ham gear, and often some nice phono euipment, both windup and hi-fi/stereo.

Please look at:
CHRS Web Site: <http://www.wp.com.chrs>

Gene Rippen

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: "Bill Richarz" <wricharz@transprt.com>
Subject: Tube Tester I-177
Message-ID: <19970129122615.007924e9.in@transprt.com>

I have a I-177 Tube Tester bought along with some other equipment at an auction.

It's in a metal case & has the following printed on the front: "CHK 854-Phil-44". Inside it has the TEST DATA book in the top of the lid. Included is the TM 11-2627 manual, with a supplement, & another manual called TM11-2627, Section II, operation.

The metal box is Army green, with some paint peeling off the bottom. The inside is in very good condition, but the line cord was cut off. The manaul describes the size as 5.75x 6.0x 8.5, with a weight of 17 lbs.

Make me an offer or will trade for something of equal value.
Looking for Hammerland HQ-110.

73 de Bill N4DH, ex WA4VAF
Charlotte, NC, 28227

=====
Bill Richarz <N4DH> ex WA4VAF | Internet: wricharz@transprt.com

10035 Little Creek Rd. | Packet: N4DH@W4BFB.#CLT.NC.USA.NA
Charlotte, NC 28227 | Phone: (704) 545-9368
HomePage | <http://www.transprt.com:80/wricharz>
=====

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: ARONGV@aol.com
Subject: TWB: Johnson/Swan
Message-ID: <970129114010_783545239@emout08.mail.aol.com>

Hi Gang:

Seriously looking for the following:

Johnson 122 VFO

Johnson HA-4 T0 Keyer

Swan 410 external VFO

Swan VX-1 & VX-2 VOX units

Please, no junkers. Give your best price first. I really don't like haggling. You can reach me at ARONGV@aol.com. I'm a magazine editor working for a NY publishing company, so I work out of my house. Here around the clock & checking for E-mail.

Ron Wo0IZ Kansas City

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: TX Hamfest
Message-ID: <32EFA801.2B8F@ghgcorp.com>

Hi Folks, Skip K5ZUA was kind enough to pass this along to me, so I thought I'd pass the particulars onto the list in case anyone was going to be in the area when it is going on...

There were some nice BA's at this last year if I remember ocrrectly...

BCARC 1997 SWAPFEST on Saturday Feb 15.... 8:00 AM till.... Rain or

Shine

at the LCRA RIVERBEND PARK PAVILION in SMITHVILLE Tx. Free Admission,
Inside Tables: \$10.00 Outside Tables/Covered Tailgate Spaces: \$5.00

Outside Tailgate Spaces: \$3.00 Talk-in on 443.75 and 145.35

Dealer Setup 5-9PM Friday and after 7AM Saturday.

More info: call 512-237-3817 or 512-360-3670. Also email kc5kfv@onr.com

Thanks and 73,

Ben

--

Benjamin D. Hall, Houston Texas - Junque collector extraordinaire.

E-mail: BDHall@GHG.net (home) -or- Benjamin.D.Hall1@JSC.NASA.GOV

*** PLEASE NOTE NEW HOME E-MAIL ADDRESS SHOWN ABOVE. ***

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997

From: Ronnie Hull <larebel@ms1.nwla.com>

Subject: WTB Drake 2AC

Message-ID: <1.5.4.16.19970129133805.2fc7fc9a@ms1.nwla.com>

Howdy ya'll

I need a Drake crystal calibrator for s 2-b. I have
a homebrew one in the reciever at this time, and it
works, but I would like an original.

anyone out there have one for sale... or trade?

Ronnie

From boatanchors@theporch.com Wed Jan 29 17:21:22 1997

From: w2ec@VNET.IBM.COM

Subject: WTB: Collins mobile mic MM-1 or similar for use with KWM-2 mobile.

Message-ID: <199701290447.WAA24866@uro.theporch.com>

Anybody have a Collins MM-1 mobile mic, or something similar for use in a
mobile environment using a KWM-2?

Thanks, Ray W2EC w2ec@vnet.ibm.com

From boatanchors@theporch.com Wed Jan 29 15:27:22 1997

From: "Jim Wilson-EJW012" <Jim_Wilson-EJW012@email.mot.com>

Subject: WTB: Millivac RF probe/manual

Message-ID: <Macintosh */PRMD=MOT/ADMD=MOT/C=US/@MHS>

From: Wilson-EJW012 Jim on Wed, Jan 29, 1997 1:03 PM

Subject: WTB: Millivac RF probe/manual

I'm looking for the RF Probe for a Millivac Instruments Model MV-823A-1 RF Millivoltmeter (s/n 4207) and a manual for the instrument. Anybody got one of these stashed away somewhere?

Jim Wilson

3815 NW 72 Dr.

Coral Springs, FL 33065-2244

tel: 954-723-4532 (day); 954-341-3306 (eve)

fax: 954-723-5064

email: EJW012@email.mot.com
